

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000936

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B28B 7/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B28B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4112173 A (A.T. ROUDEBUSH ET AL), 5 Sept 1978 (05.09.1978), column 1, line 6 - line 11; column 1, line 63 - column 2, line 29; column 2, line 40 - line 49, column 3, line 27 - line 32  --	1-3
X	DATABASE WPI Week 198119 Derwent Publications Ltd., London, GB; Class A93, AN 1981-33496D & JP 56028971 A (KOYO SANGYO CO LTD), 23 Marsch 1981 (1981-03-23) abstract  --	1-3

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

30 March 2004

Date of mailing of the international search report

31-03-2004

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0375924 A2 (CARTIERE SAFFA S.A.), 4 July 1990 (04.07.1990), column 3, line 50 - column 4, line 56; column 5, line 14 - line 41  --	1-3
P,A	PATENT ABSTRACTS OF JAPAN vol.2003, no.12 5 December 2003 (2003-12-05) & JP 2003268924 A (NISSHOKU CORP), 25 September 2003 (2003-09-25) abstract  --	1-2
A	DATABASE WPI Week 199950 Derwent Publications Ltd., London, GB; Class A93, AN 1999-584745 & JP 11254416 A (ASAHI KASEI KOGYO KK ET AL), 21 September 1999 (1999-09-21) abstract  --	1-3
A	FR 2071454 A (J. CASANOVA), 17 Sept 1971 (17.09.1971), page 1, line 15 - line 39  -- -----	1

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

27/02/2004

International application No.

PCT/FI 2003/000936

US	4112173	A	05/09/1978	NONE		
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EP	0375924	A2	04/07/1990	IT	1227595 B	22/04/1991
				IT	8822935 D	00/00/0000
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FR	2071454	A	17/09/1971	NONE		
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